## ISSUE SLIP STAPLE AREA (for additional cross references)

POSITION	INITIALS	ID NO.	DATE					
FEE DETERMINATION								
O.I.P.E. CLASSIFIER		10	1-23-01					
FORMALITY REVIEW	mT	523	01/31/01					
RESPONSE FORMALITY REVIEW	ZK	835	05/14/01					

## INDEX OF CLAIMS

V	Rejected	N	Non-elected
	Allowed	- 1	Interference
	(Through numeral) Canceled	Α	Appeal
	Restricted	0	Objected

ſ	Claim	T			_	Date	,				Cla	im	_	_			Date	9		_			CI	aim				Date	е		_	
		_	3	_		T	T	T		7		-e	1	1	Ī	I	I							- a								
	e la	13	4	3				-			Final	ig.				- }			-	- }		1	Final	Original								
- Į i	Origin	3	< 7/24200	8/1/2003	i			$\perp$			ů.	Original									$\bot$		证		_					1	1	丄
	Final Proginal	E	V				$oldsymbol{\mathbb{T}}$	$\perp$				51						$\perp$						101	_		_]		$\perp$	$\perp$	$\perp$	$\perp$
J		di	V			T	7	T	П	7		52			П									102	<u>.</u>			_1				
j	7	11	N			7	7	$\top$	$\sqcap$	_		53		$\neg$			$\neg$	Ţ	T	T	7	7		103						-]		7
卜		*	V			寸	1	$\top$	$\Box$	$\neg$		54			$\neg$		$\exists$		T			7		104						I	T	I
	1	1	$\Gamma$			7	T	-		7		55			П	$\neg$		T	T	T		7		105							T	T
1	1	1	V			1	T	1				56				$\neg$	$\neg$	$\neg$	$\neg$			7		106	Γ		J	٦	٦	T	T	7
	1	11	N			_	$\top$		$\sqcap$	7		57				$\neg$		7	T	$\neg$	$\neg \vdash$			107		П		7	Т	T	Т	T
1	1	Ħ	8		7	1	$\top$	1		7		58	$\neg$	$\neg$		$\neg$			7	7				108				$\neg$		T	T	
-	16	П	П			1	$\top$	1	17	7		59		$\neg$		$\neg \uparrow$	1		$\neg$	1		٦		109						T	T	7
1	11	11	V		$\neg$	_	$\top$	1	$\sqcap$	$\neg$		60	7			$\neg$	-	_	$\neg$	7		٦		110	1	Π		$\neg$	7	$\top$	T	T
r	11	11	N		-	+	$\top$	+-	17	┥.		61	7	$\neg$	$\neg$	7		_	7	7		٦		111	$\vdash$	$\Box$	7		7	$\top$	7	7
t	112	H	V		7	_	+	1	11	7		62		7	$\neg$	7	7	1	7	7	$\top$	7		112	$\top$	$\Box$	7	7	7	$\top$	7	$\top$
+	1	1	1	Н	7	+	+	+-	$\vdash$	7		63	7		7	_	_	+	7	7	$\top$	7		113	$\top$	П	7		+	$\top$	$\dagger$	$\top$
1	12 13 15	$\downarrow$	7	$\vdash$	-	+	+	+	$\dagger \dagger$	$\dashv$		64	$\dashv$	7	7	$\dashv$	+	7	+	+	+	7		114	$\vdash$	$\sqcap$	7	7	+	+	+	十
+	√;[	1	$\dashv$	Н	-	$\dashv$	+	+	$\vdash$	$\dashv$	-	65	-	$\dashv$	$\dashv$	+	+	+	+	$\dashv$	+	7		115	†	Н	٦	~	$\dashv$	$\top$	1	$\top$
H	1	+	Н	Н	7	+	+	+-	+	$\dashv$		66	7	7	$\neg$	寸	-	_	7	7	+	7	-	116	$\vdash$		$\neg$	-	$\dashv$	$\top$	$\top$	+
-	+#	1-	$\vdash \vdash$	Н	+	$\dashv$	+	+	+	$\dashv$	-	67	+	-	$\dashv$	+	+	-	+	+	+	7		117	+-	-	-+	-	$\dashv$	_	+	+
-	常	E	0	Н	+	$\dashv$	+	+	++	$\dashv$	-	68	+	-	7	+	+	+	+	+	+	1	-	118	1	-	-	+	$\dashv$	+	+	十
$\vdash$		₹	۲	Н	-	+	+	+-	+	-	-	69	-	$\dashv$	-	-	-	+	-+	+	+	+	-	119	Η,	-	-	-	+	+	+	+
-	2	1		-	-	$\dashv$	+	+-	+	$\dashv$	-	70	$\dashv$		-+	-+	-	-+	+	┪		-	$\vdash$	120	-		-+	-	-	+	+	+
-	12	W	Y	-	-	+	+	-		$\dashv$	-		$\dashv$		-+		-1	-+	-+	+	-	-	$\vdash$		-			-	+	-	+	+
-	22	<b> </b>	$\vdash$	٧	+	$\dashv$	-	-	+	$\dashv$	<u> </u>	71	$\dashv$				-+	-+	-+	4		-	<u> </u>	121	<del> -</del> -		-	-	+	-	+	+
L	22	-	$\vdash$	Ŀ	-	4	+		$\vdash$	_	1	72	-	-	-	-+	-	-	-	-		4	-	123	+-	-	-	-	+	+	+-	+-
$\perp$	23		Н		-	4	4	+	$\vdash$	_		73	-		-	$\rightarrow$	-		-	4	+	4	-		-	$\vdash$	-		+	+	+	+
$\perp$	24	_		1	4	4	$\dashv$	_	$\sqcup$	_	-	74	-		}	-	-	-+	-	-	-	4	<u> </u>	124	-	$\vdash$		-	_	+	4	+
.	25			v	4	4	4	-	$\sqcup$	_	-	75	-	-		-	-	-	$\rightarrow$	+	-	4	<u> </u>	125	-		-	4	$\dashv$	-	+	+
L	26	_		N	_	_	-	┷	$\sqcup$	_	-	76	_	-	-	-		-	$\dashv$	4	-	4	<u> </u>	126	-	-	-	-	4	+		
L	27	1_	Ш	Щ	4	_	_	$\bot$	$\sqcup$	_	-	<b>7</b> 7	_	_	_	-	_		4	_		4	<u> </u>	127	<u> </u>	$\downarrow \downarrow$	-	_	$\dashv$	4	1	4
Ļ	28			J.	4	_	4		$\sqcup$	_	-	78		_	_	_}		$\rightarrow$	4	4	}_	4	-	128	L	$\vdash$	-	-	_	4	-	+
L	(29			v'		_	$\perp$	$\perp$	$\perp \downarrow$	]	_	79	_	_	_	_	_	_	4	4		4	_	129	<u> </u>		_	_	_	4	4	4
L	30	<u> </u>		i.	_	_	$\perp$		$\sqcup$		ļ	80	_	_	_	_	_	-	_	_	_	_	<u> </u>	130	ļ.,	$\downarrow \downarrow$	4	_	_	1	4	4
	ভূ			1.	$\perp$			_		_]	_	81	_		_		_	_	4	_		1	_	131	1_	L	_	_]			1	
L	32				Ц	$\perp$					<u> </u>	82	_	$\perp$	$\dashv$	_		_	4	4		_	L	132	$\perp$	$\sqcup$	_	4	_	_	4	4
L	33	1_				$\perp$						83		_		_		4	4	_		4	L	133	L	Ц	_	_	$\perp$	4	4	4
	34				_[	_[		1	$\sqcup$		_	84	_1	_	[		$\perp$	_	4	4	4	1	L	134	L	Ш	_	_		1	1	4
	35				$\Box$		$\perp$	1	$\sqcup$	_	_	85	_	_		_		_[	_	_	_	4	<u>_</u>	135		Ш	_	_	4	4	1	4
	36								$\sqcup$	$\perp$	_	86	_1			$\perp$	4	_	_	$\perp$	$\perp$	1	L	136	1_	$\Box$	_	$\dashv$	$\perp$		4	4
	(37			4		$\perp$		$\perp$				87					$\perp$	$\perp$	_	1	$\perp$	4	L	137		$\square$	_	_1	$\perp$		1	1
L	(38		$\Box$			_[		1	$\sqcup$	$\Box$	_	88		$_{\perp}$	_		_	_	_	4	$\perp$	1	<u> </u> _	138			_	_1	$\perp$	4	4	4
	39	-					$\perp \Gamma$					89		$\Box$	[			$\perp$	$\perp$	_[		1	L	139		Ш		[			1	4
Γ	40	1			IT	T	T		$\Box$			90	_1			_1	_ [	ſ		[				140		Lſ		[			1	$\perp$
	41					$\neg$	1	Τ	$\top$	$\neg$		91	٦		7	$\neg$	$\neg$	7	T	7	1	1		141				٦	T	T	T	T
-	42	1	1			_	1	_	$\dagger$	$\neg$		92	7	$\neg$	$\dashv$	_	_	7	一	7	7	7		142		$\sqcap$	7	7	$\top$	7	T	T
1	43		$\Box$		$\vdash$	7	+	╅	$\sqcap$	$\neg$		93	$\neg$	$\neg$	7	7	1	$\dashv$	7	7	7	7		143		$\sqcap$	1		$\neg \vdash$	$\top$	T	T
1	44		1		1	+	+	+	1	7		94	$\neg$	$\dashv$	$\neg$	7	7	7	_	7	$\top$	7		144		$\Box$	7	1		$\top$	T	T
1	45		1		$\vdash$	$\dashv$	+	+	†-†	ㅓ		95	-	一	-	7	7	7	+	+	+	1		145			_		-	$\top$	T	$\top$
+	46	_	<u> </u>		$\vdash$	+	+	+	1	7		96	-	7	-	-	-	$\dashv$	+	1	$\top$	1	-	146		$\vdash$	_	-	-†	$\top$	$\uparrow$	+
r	47		$\vdash$			+	+	+	1	7		97	-	$\dashv$	-	-	_	7	+	+	+	7		147		H	$\neg$	7	+	$\top$	Ť	+
-	48		+-	-	$\vdash$	+	+	+	+	$\dashv$		98	-	+	-	$\dashv$	$\dashv$	+	-+	+	+	7	-	148		$\vdash$	+	-+	-	+	$\dagger$	+
+	49		+		$\vdash$	+	+	+	† †	$\dashv$	-	99	-	-	7	$\dashv$	-	+	+	+	+	7		149		-	-	-	+	+	+	+
+	50		+-	-	H	+	+	+	11	$\dashv$	-	100	-	-	-	$\dashv$	$\dashv$	+	+	+	+	7	$\vdash$	150			+	+	$\top$	+	+	+
ــا		1_		ــــــــــــــــــــــــــــــــــــــ					4_4		L												-		4						_	

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)